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| Form PTO-1449<br>(REV. 8-83)  | US Dept. of Commerce<br>PATENT & TRADEMARK OFFICE | ATTY DOCKET NO.<br>118347               | APPLICATION NO.<br>New U.S. Patent Application |
| INFORMATION DISCLOSURE STATEMENT<br><br>(Use several sheets if necessary) |   | APPLICANTS<br>Masanobu KOBAYASHI et al. |  |
|   |   | FILING DATE<br>January 15, 2004         |  |

| U.S. PATENT DOCUMENTS |  |                 |      |      |       |           |
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| EXAMINER INITIAL      |  | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
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| FOREIGN PATENT DOCUMENTS |   |                                  |            |         |       |           |
|--------------------------|---|----------------------------------|------------|---------|-------|-----------|
|                          |   | DOCUMENT NUMBER                  | DATE       | COUNTRY | CLASS | SUB CLASS |
| /M.S./                   | 1 | JP A 05-323892 w/ Abst & Trans   | 12/7/1993  | Japan   |       |           |
| /M.S./                   | 2 | JP A 2001-350426 w/ Abst & Trans | 12/21/2001 | Japan   |       |           |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) |  |  |  |  |  |  |
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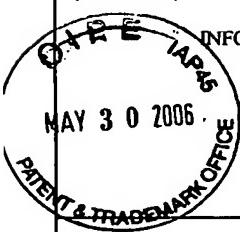
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| U.S. PATENT DOCUMENTS   |   |   |                           |  |                                      |           |
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| /M.S./  | 2 | JP A 2001-350426 w/ Abst & Trans                  | 12/21/2001                | Japan  |                                      |           |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)  |   |   |                           |  |                                      |           |
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Form PTO-1449  
(REV. 1/06)US Dept. of Commerce  
PATENT & TRADEMARK OFFICEATTY DOCKET NO.  
118347APPLICATION NO.  
10/757,451

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS  
Masanobu KOBAYASHI et al.FILING DATE  
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## U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. | Document Number | Date | Name |
|-------------------|----------|-----------------|------|------|
|                   |          |                 |      |      |
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## FOREIGN PATENT DOCUMENTS

| Examiner Initials | Cite No. | Document Number | Date      | Country | With English Abstract | With English Translation |
|-------------------|----------|-----------------|-----------|---------|-----------------------|--------------------------|
| /M.S./            | 1        | JP A 07-184231  | 7/21/1995 | Japan   | X                     | X                        |
| /M.S./            | 2        | JP A 07-064522  | 3/10/1995 | Japan   | X                     | X                        |
| /M.S./            | 3        | JP A 09-107515  | 4/22/1997 | Japan   | X                     | X                        |
| /M.S./            | 4        | JP A 09-138673  | 5/27/1997 | Japan   | X                     | X                        |
|                   |          |                 |           |         |                       |                          |

## OTHER DOCUMENTS

| Examiner Initials | Cite No. | (Including Author, Title, Date, Pertinent Pages, etc.) |  |  |
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| INFORMATION DISCLOSURE STATEMENT<br><br>(Use several sheets if necessary)   |   |   | APPLICANT(S)<br>Masanobu KOBAYASHI et al.         |                            |                           |                               |           |
|   |   |   | FILING DATE<br>January 15, 2004                   |                            | GROUP                     |                               |           |
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| EXAMINER INITIAL  |   | DOCUMENT NUMBER                           | DATE  | NAME                       |                           | CLASS                         | SUB CLASS |
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| FOREIGN PATENT DOCUMENTS  |   |   |   |                            |                           |                               |           |
|   |   | DOCUMENT NUMBER                           | DATE  | COUNTRY                    |                           | CLASS                         | SUB CLASS |
| /M.S./  | 1 | JP A 09-138673 w/translation and Abstract | 5/27/1997   | Japan                      |                           |                               |           |
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| FOREIGN PATENT DOCUMENTS  |   |                       |   |         |                            |                               |           |
|   |   | DOCUMENT NUMBER       | DATE  | COUNTRY |                            | CLASS                         | SUB CLASS |
| /M.S./  | 1 | EP A 0402137          | 12-12-1990  | EUROPE  |                            |                               |           |
| /M.S./  | 2 | EP A 0757498 w/ abst. | 02-05-1997  | EUROPE  |                            |                               |           |
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